

ABSTRACT OF THE DISCLOSURE

The present invention manufactures a solid structural material using a three-dimensional five-axial woven fabric W. According to the present invention, in weaving a three-dimensional five-axial woven fabric W using a three-dimensional weaving machine, divisibly woven sections S1 are formed in portions of a manufactured three-dimensional five-axial woven fabric by alternately driving an upper and a lower insertion members 2, 3 for inserting a vertical yarn Z from above and below, respectively, in such a manner that each of the insertion members and a weft insertion rapier are driven with different timings.